

20010301.qrp v02_n113.qrl.20010301

Date: Thu, 1 Mar 2001 19:03:14 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2113

QRP-L Digest 2113

Topics covered in this issue include:

- 1) [92888] FS: Original NC-20 and Poquet Plus Setup
by "Alan Fryer" <qrpdx@earthlink.net>
- 2) [92889] Simple Antenna Tuner
by Andrew Madsen <andrew@utahdesign.com>
- 3) [92890] Re: pixie help
by chrifresh@advant.net (Freshwater, Chris)
- 4) [92891] Re: QRP Most Used Parts - one more time
by "Phil (VA3UX)" <phil@vaxxine.com>
- 5) [92892] Parts List[long]
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 6) [92893] Linux hams software
by "Preston Buck" <pbuck@flash.net>
- 7) [92894] Re: FYBO Logs
by "Bob Hightower" <nk7m@extremezone.com>
- 8) [92895] NEQRP CW Net - Thursday, 1 Mar 01, 9:00 PM EST, 3.561 MHz
by "C. J. Ludinsky" <cjl@mitre.org>
- 9) [92896] Re: Some part recommendations for your junk box
by "Steven Weber" <kd1jv@moose.ncia.net>
- 10) [92897] Cub Fox Dan is loud!!!
by Macstein@aol.com
- 11) [92898] Re: Cub Foxhunt
by Macstein@aol.com
- 12) [92899] FS: Wilderness Sierra \$\$-drop!
by "Mark Adams, P.E." <k2qo@hotmail.com>
- 13) [92900] FOX: Winter Fox for March 1
by Ron D Doyle <n8var@juno.com>
- 14) [92901] Fox: Fox Hunt #37 Log...
by Thomas Jennings <jennings@eznet.net>
- 15) [92902] PJ2/W6KK on 7.027 @ 0235Z
by david gauding <david.gauding@bbs.galilei.com>
- 16) [92903] Cub FOX Dan N4ROA
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 17) [92904] FOX- The Argo 509 bites some fur
by "Jim Crooke" <crooke@prodigy.net>
- 18) [92905] QRPp DXCC status
by Jim Janack <n2jj@ix.netcom.com>
- 19) [92906] re LOW CURRENT AUDIO AMP

- by Pete Burbank <plburbank@kih.net>
- 20) [92907] FOX
by "Karl F. Larsen" <k5di@zianet.com>
- 21) [92908] Re: OT: Amateur Radio - Earthquake Seattle, WA
by Bob Nielsen <nielsen@oz.net>
- 22) [92909] Parts to Have on Hand...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 23) [92910] PJ7/ND5S on 7.014 @ 0307Z
by david gauding <david.gauding@bbs.galilei.com>
- 24) [92911] FS: SGC-2020 Transceiver
by "larry hess" <hessls@csi.com>
- 25) [92912] Re: Cub FOX Dan N4ROA
by Pete Burbank <plburbank@kih.net>
- 26) [92913] Re: Cub FOX Dan N4ROA
by "George, W5YR" <w5yr@att.net>
- 27) [92914] Re: more RF hazard stuff
by Carlos J Caro <ccaro3@juno.com>
- 28) [92915] Re: more RF hazard stuff
by "George, W5YR" <w5yr@att.net>
- 29) [92916] Audio PSK31 Beacon source code posted
by "George Heron N2APB" <n2apb@erols.com>
- 30) [92917] dead computer
by David Kidd <ka7ozo@pacifier.com>
- 31) [92918] W9JOP/4/QRPP was booming in tonight!
by Macstein@aol.com
- 32) [92919] W9JOP/QRPP doing DX!!!!
by Macstein@aol.com
- 33) [92920] Re: W9JOP/4/QRPP was booming in tonight!
by "Steve/n0tu" <n0tu@webaccess.net>
- 34) [92921] Fifty on 40CW! (long)
by david gauding <david.gauding@bbs.galilei.com>
- 35) [92922] Re: more RF hazard stuff
by <baltimoremd@baltimoremd.com>
- 36) [92923] Fox Run
by Dan Wolfe <n4roa@mounet.com>
- 37) [92924] FOX - Cub Hunt N4ROA
by "Tom" <n1tp@worldnet.att.net>
- 38) [92925] Re: FOX - Cub Hunt N4ROA
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [92926] QRP EME with 5 watts!
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 40) [92927] Re: FOX - Cub Hunt N4ROA
by "Brian" <bmurrey@amexol.net>
- 41) [92928] INRAD filter info
by "elawson" <elawson@lawson-philpot.com>
- 42) [92929] Re: INRAD filter info
by "John P. Cummins, Sr." <jpcummins@charter.net>
- 43) [92930] SMT to DIP/Manhattan Adaptors

- by "Bruce Kizerian" <kizerian@ced.utah.edu>
- 44) [92931] Re: QRP EME with 5 watts!
by "Russ Hines" <radioruss@fuse.net>
- 45) [92932] QRP on the ARRL Web Page
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 46) [92933] NQ9RP QSL's via eQSL
by Bcieslak@ra.rockwell.com
- 47) [92934] *Summer* Slow-Speed FOX Hunt?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 48) [92935] Wanna ND SMK-1 QSO tonight ;-)?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 49) [92936] Additional IF Amp For The Progressive Receiver
by Ed Kessler <edkess@epix.net>
- 50) [92937] NorCal Toroid Kits are sold out!!
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 51) [92938] Re: QRP EME with 5 watts!
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 52) [92939] Re: Some part recommendations for your junk box
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 53) [92940] DIN Socket Repair
by Curt Milton <wb8yyy@yahoo.com>
- 54) [92941] Questions about headphones
by "Tom Dufresne" <tdufres@hotmail.com>
- 55) [92942] Re: QRP EME with 5 watts!
by "laura halliday" <marsgal42@hotmail.com>
- 56) [92943] Sorry For URL Error - Progressive Receiver
by Ed Kessler <edkess@epix.net>
- 57) [92944] Re: Wanna ND SMK-1 QSO tonight ;-)?
by "Karl F. Larsen" <k5di@zianet.com>
- 58) [92945] [CONTEST] QRP Contest Calendar - March 2001
by Ken Newman <N2CQ@citnet.com>
- 59) [92946] WTB: G4ZPY Model 56 Paddle
by "qrpx@earthlink.net" <qrpx@earthlink.net>
- 60) [92947] HB: Pixie Troubleshooting page has moved
by Charlie Panek <charlie_paneke@agilent.com>
- 61) [92948] RE: QRP EME with 5 watts!
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 62) [92949] Re: Wanna ND SMK-1 QSO tonight ;-)?
by "Brian" <bmurrey@amexol.net>
- 63) [92950] Re: Wanna ND SMK-1 QSO tonight ;-)?
by Macstein@aol.com
- 64) [92951] INRAD
by Ken Brown <n4so@juno.com>
- 65) [92952] QRP bargain found
by "William H. Launer" <wlauner@mail.win.org>
- 66) [92953] RE: Questions about headphones
by "AI2Q Alex" <ai2q@adelphia.net>
- 67) [92954] Receiver advice

- by NM5Mike@aol.com
- 68) [92955] RE: Receiver advice
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 69) [92956] YES--we *will* have a Summer Cub Hunt
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 70) [92957] Fox: Calling All NY Hounds
by Thomas Jennings <jennings@shell1.eznet.net>
- 71) [92958] SMK-1 ND QSO party tonight
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 72) [92959] FS-TT Delta 580-Plan B...
by "Steve Hanson" <ke1lg@qsilver.net>
- 73) [92960] Re: YES--we *will* have a Summer Cub Hunt
by John Wagner <john@neknetwork.com>
- 74) [92961] Date/Time/Format for QRPTTF 2001 ???
by geoff allsup <gallsup@whoi.edu>
- 75) [92962] Re: YES--we *will* have a Summer Cub Hunt
by Dave Sjolín <sjolin@swbell.net>
- 76) [92963] Re: Date/Time/Format for QRPTTF 2001 ???
by n5ib@juno.com
- 77) [92964] Re: Date/Time/Format for QRPTTF 2001 ???
by Phil Wheeler <w7ox@earthlink.net>
- 78) [92965] ArkieCon Pre-Registraton
by "Jay Bromley" <w5jay@alltel.net>
- 79) [92966] Re: Date/Time/Format for QRPTTF 2001 ???
by "Jim Crooke" <crooke@prodigy.net>
- 80) [92967] 2 Rigs For Sale
by Ed Kessler <edkess@epix.net>

Date: Wed, 28 Feb 2001 19:10:11 -0500
From: "Alan Fryer" <qrpdx@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [92888] FS: Original NC-20 and Poquet Plus Setup
Message-ID: <000201c0a1e4\$0ed48cc0\$bcca323f@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

Original NC-20, nice shape, works fine, 5W out, with manual. \$95 shipped in US

Poquet Plus setup, all the stuff that was in the last offering, it's all there and unopened. \$75 shipped in US

Would also take DSW-30 in case for all of the above.

Alan, N3BJ

Date: Wed, 28 Feb 2001 17:33:54 -0700
From: Andrew Madsen <andrew@utahdesign.com>
To: qrp-l@lehigh.edu
Subject: [92889] Simple Antenna Tuner
Message-ID: <3A9D98F1.E2380093@utahdesign.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With all the ATU discussions on the list, I thought I'd throw in another question about them. I'm planning a trip Fountain Green, UT on Saturday. I don't have the KAT1 or the KAT2 right now (I'm saving my money). I'm looking for a very simple ATU I can build before then. I only have a few dollars right now, so buying a kit is out of the question. I have an air variable cap, although I'm not sure what value it is. I also have some various iron-powder toroid cores. Also a bunch of other miscellaneous parts (my dad is an EE). Does anybody have a schematic of something I can use? I don't have an SWR meter, so I was thinking of building one of the various LED SWR indicators into the tuner. Thanks!

--
73,
Andrew R. Madsen AC7CF
ac7cf@youngradioamateurs.com
<http://www.youngradioamateurs.com/>
League of Young Radio Amateurs
Utah Section Manager
Electronics Committee Chairman
CW/QRP Committee Co-Chairman

Date: Thu, 01 Mar 2001 00:39:38 +0000
From: chrifresh@advant.net (Freshwater, Chris)
To: qrp-l@Lehigh.EDU
Subject: [92890] Re: pixie help
Message-ID: <3A9D9A4A.1F18DF4B@advant.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys: I need Pixie help, it's a favorite project from last year or so--worked okay, put out avbout 250 mil or so, now just clicks, won't reciever, I can's hear the oscillator--any help? I'm no diagnostician

chris freshwater KB9LCK

Date: Wed, 28 Feb 2001 19:38:24 -0500
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [92891] Re: QRP Most Used Parts - one more time
Message-ID: <3.0.5.32.20010228193824.007a8120@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm in the same mode. You can make your own list like I did, by browsing articles in the ARRL Handbooks, QST articles, ARRL publications on QRP/Homwbrew, and many others. It only takes 10 or 15 minutes of browsing and note taking and you soon see that the same parts keep coming up over and over again. That's why I jumped on the toroid kit that was offered here : it was "right on the money". Every toroid I had on my list was in that package. Also, I agree 100% with Doug Hendricks' semi-conductor list : everything in his list (posted today) is in the list I made up recently.

I was feeling guilty about loss of interest/motivation during intervals waitung for parts. It looks like I have lots of company.

Phil

At 08:14 AM 2/28/2001 -0500, you wrote:

>Bruce,

>

>I'm building my junk box. It started out as a tupperware bowl and has turned
>into a fishing tackle box. I would love a listing of most frequently used
>toroids and transistors. If I'm browng one of my QRP books (Notebook,
>Power, Classics, QQ's, QRPP, etc etc) and the urge hits me to build
>somethign I see, I need to feed that urge instantly. For some, half the fun
>is scrounging the parts, but I'm more impulsive. I need the parts here
>now....by the time I go to Radio Shack or a parts store, fight the mall,
>traffic, and all that....I'm out of the mood.

>

>

Date: Thu, 01 Mar 2001 01:12:10 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [92892] Parts List[long]
Message-ID: <5.0.2.1.0.20010301010156.00a399f0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

OK, let me do the following and it'll be a start. We can argue until we are blue in the face and get nowhere about whether you should stock or wait and order as needed. I'm a stocker myself. The prices go up and the availability goes down over time. And if I'm working on something at 11pm and get to soldering a circuit I surely don't want to have to stop and wait a week or more on an order from out of state, etc.

The following parts list is made up from a quick pass through the following books and schematics and newsletters. I have omitted some parts that I know are no longer available, such as some of the dual gate mosfets, etc. The list is not meant to be complete or an absolute benchmark. Just a shopping list for those that want to experiment and be sure to have most everything you'd need on hand. Print the list and carry it around to all the swap meets and then if you see someone has something for sale you can check to see if you need or want it. I also recommend you take the list and shop online at Dan's Small Parts, Mouser, DigiKey, and anywhere else to compare pricing. At least you have a baseline from which to work.

Parts are listed in no particular order. And there are some better values that are current and exact replacements and duplications, so do your research on each of these. These is just a guideline list. I have left out things like Tick Keyer Chips and Microchip microprocessors due to lack of source code and you just have to order replacements from the source.

If you are just getting started --- take out a \$100 bill and set it aside (allow \$100 on credit card or whatever). Then sit down with all the catalogs you can get and lay out a plan. If you have a project in mind, then go for it. I recommend scratch building the SWL-40 or SWL-40+. It isn't that difficult a

project IMHO and much better than building something like the Pixie or other low end circuit. I believe in building something that you'd use and not just put aside and use the old commercial rig sitting on your desk. I still use almost daily either the SWL-30 or SWL-40. They are simple, inexpensive, and fun to use. I have a bunch of the higher end kits and I just don't use them that much even though some would rank them as a better deal. But remember we are talking homebrew here.

And if you really enjoy a challenge, then go for the K8IQY 2N2222/40 rig. But not unless you have the QRPP issue in which it appeared. See NorCal page and/or my QRPP Index which is out of date but does have that issue listed. <http://www.qsl.net/k7qo/>

Or try the IOWA QRP-10 or QRP-10A if you follow K8IQY's pages on the web. See the NorCal page. You do have it bookmarked of course.

If enough people really really want to build something, how about a guide to doing the SWL-30 Manhattan Style. I'll get permission from Dave, NN1G, to do this and we can start after ArkieCon. Send me email off the list and we'll see how much interest there is. We can do it like the old Elmer101 project. I'll try to get Dave to come up with a parts kit without the PC board. Or if you don't want to be really challenged just go to Dave's web page <http://www.smallwonderlabs.com/> and get the regular SWL-40+ or SWL-30+ kits and build along on the PC board.

Going back to the plan and the \$100. Try to optimize the number of parts and get the lowest per part cost you can for what you need and what is available. See what you have first and if a swap meet is coming up like at Atlanticon then shop there first and then by mail later. But have an idea of what costs are commercially first and then shop for the bargains at the hamventions. Go with a list and pricing and you won't be disappointed later.

I'm sure I left out a ton of stuff, but I can't expect you to buy the world. Stay within your budget.

FYI

-----cut here-----

K7QO's Shopping List Version 1.0 February 28th, 2001

REFERENCES

Books: (Some of these are no longer in print)

Solid State Design for the Radio Amateur, Wes Hayward, W7ZOI, ARRL

QRP Power, ARRL

QRP Notebook, ARRL

W1FB's Design Notebook, ARRL

Four Days in May Proceedings, 1999
Pacificon Proceedings from previous years
ARRL Handbook, 1995 or later.

Schematics:

NN1G Designs --- NE-4040, SWL-40, SWL-30, SWL-40+, ...
NorCal Kits --- NC-40
Ten Tec Kits --- TenTec 1340
Oak Hills Res. --- various OHR rigs

Diodes:

(Ge) 1N270, 1N34A
(Si) 1N4148, 1N914, 1N4001, 1N4007
(Zener) 1N4236(7.5V), 1N5257(33V), 1N5231(5.1V),
and BG Micro has an assortment
(Varactor) MV1662, MVAM108,

JFETs: J310, J309, 2N7000, 2N5458, MPF102, 2N5486
3SK73(dual gate mosfet)

NPN: 2N2222A, 2N3904, 2N5189, 2N5179, 2N4427, 2N4401, 2N5770, 2N5179, 2N4124

PNP: 2N4037, 2N3906, 2N5109

RF: 2N3553, 2SC799, 2SC1969, 2N3866, 2SC2078, 2SC2075

VR: 78L05, 78L08, LT1121, LP2950

ICs: NE602A, SA602A, SA612A, LM741, MC1350P, NE555, NE5532, TL072, LF351N,
LM380, LM386, LM324J, TL032CPN, NE5534, LM358N, MC1496P, LM301AN

MMICs: MAR-3

IF Cans: I prefer to use toroids.

Molded Inductors: 4.7uH, 6.8uH, 10uH, 22uH, 33uH, 1mH,
+ other values you can find/afford

Mixers: TUF-1, TFM-2

Crystals: 4.000MHz, 4.915MHz, 8.000MHz, 9.000MHz (wait until you see
what IF freq you might be using)

Trim Pots: 100, 200, 500, 1K, 5K, 10K, 25K, 50K, 100K

Panel Pots: 1K, 5K, 10K, 50K, 100K

Toroids: FT37-43, FT37-61, T50-6, T50-2, T37-6, T37-2, and ferrite beads

Caps: Assorted disk and electrolytic. NP0 for a lot of the disk.
Some polystyrene in 1000pF, 2200pF, and 3300pF values are nice to have for NN1G VFOs.

Resistors: Assorted 1/4W values from 10ohms to 5Meg.

Wire: #28, #26, #24, and #22 for starters. 1/2 lb spools or larger.
Look for vendors at various swapmeets and ask them and show that the demand is there if they don't have it. Try for various color coatings if possible to make transformers and bifilar windings on toroids....

And one thing that I love? The solid phone hookup wire for interconnects in a rig. Some people hate it but that is their loss. It works great and looks neat in a Manhattan style rig and easy to form nice patterns in routing.
And I got a partial box free from the telephone guy.

Coax: RG-174U Teflon (I just love this stuff -- almost fool proof)

Connectors:

BNC Chassis for antenna connections.
RCA Phono Jack for keyer.
DC Barrel for 12V input
3.5mm stereo for headphones.

Meters:

50-100 uA meters for various uses

Hardware:

1/4" screws and bolts and standoffs.
stick on rubber feet
knobs for various sizes (usually Mouser type)
blank PC board material
solder of course and associated tools.

Battery:

I recommend on 1.2Ahr 12V gel-cell for powering up stuff being built. In fact, RadioShack.com has on sale for the month of March their 1.2Ahr gel-cell for \$9.79 (save 42% --- reg. \$16.99) their 960-0332 part number. I'm currently running an experiment to see how long the SWL-30 and the K1 will run on small batteries.

Film at 11. Put a fuse in the line to protect both the battery and something that might have a serious wiring error.

And lots of coin envelopes (8cm by 14cm) to sort and file parts away neatly. I use the shoe box size plastic boxes from WalMart/Target/etc. for storage. Or you can get the 28 gallon storage boxes for storing a lot more envelopes and I use one for my resistor collection. :-)

And don't do what I sometimes do. Put the parts into the shoe box without the envelopes in hopes of getting to sorting them later. ;-(

Been there. Done that. Have the T-shirt.

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com <http://www.qsl.net/k7qo>

TMPS-2001 Feb 28th, 2001 Q's = 206 States = 42 Counties = 187 DXCC = 9
SWL-30 with CMOS 3 keyer and HB Iambic Paddle 0.500W and vee-beam

ID TX LA ND CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA GA HI MN AL WI
(first 25)
MD OH CT MO SC TN OK PA NJ FL MA NY KS IL CT NH MI (in order worked)

DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6

Date: Wed, 28 Feb 2001 19:14:58 -0600
From: "Preston Buck" <pbuck@flash.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [92893] Linux hams software
Message-ID: <000001c0a1ed\$0c013260\$6dd6fed1@pbuck.infoblvd.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings all,

Somebody asked for some info on ham software written for Linux. This link has some.

<http://radio.linux.org.au/>

73,

Preston, n0g1m, Ellis County, TX

Date: Wed, 28 Feb 2001 18:27:07 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "Thomas Jennings" <jennings@shell1.eznet.net>
Cc: "qrp list" <qrp-l@lehigh.edu>
Subject: [92894] Re: FYBO Logs
Message-ID: <004301c0a1ee\$d5f3ffc0\$b0117d3f@dell>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Thomas Jennings" <jennings@shell1.eznet.net>
To: "Bob Hightower" <nk7m@extremezone.com>
Sent: Wednesday, February 28, 2001 7:36 AM
Subject: Re: FYBO Logs

> Bob,
> I am a curious cat...
> how many logs have you received so far??
> tu
> 73
> Tom kv2x
>

I've gotten 47 logs so far. Looks like a good turn-out.

Date: Wed, 28 Feb 2001 20:47:09 -0500
From: "C. J. Ludinsky" <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [92895] NEQRP CW Net - Thursday, 1 Mar 01, 9:00 PM EST, 3.561 MHz
Message-ID: <3A9DAA1D.9B16B252@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 1
March 2001, at 9:00 PM EST (0200Z, 2 Mar 01) on or near 3.561 MHz. Net

control operator for this week's 80M session will be John, K1RC,
operating from Dracut, MA.

With generally good conditions in the Northeast (though snowing at the
time), last week's net had 10 participants:

WB1HBE	John	Chelmsford, MA
K1RC	John	Dracut, MA
N1E1	Charlie	Mansfield Center, CT
N4QA	Bill	VA (via QSP)
W2RBA	Joe	Clinton, NY
WY1W	Butch	CT
KB0BFL	Bob	MO
W2JEK/3	Don	Near Philadelphia, PA
WB0CLK	Bill	MI
K1CK	Chuck	Chelmsford, MA (net op)

Bob reported a lot of QRN and QRM at his farm location in MO. For some
reason, I could not hear Bill, N4QA; thanks to John, K1RC, for QSPing.
Otherwise, signals were 579-599.

Thanks to all for joining the net. Hope to hear you again this week.

72 DE K1CL,
Chuck.

Date: Wed, 28 Feb 2001 21:21:05 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [92896] Re: Some part recommendations for your junk box
Message-ID: <200103010154.f211sVG14010@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> About 10-25 each of .1 uF Ceramic Disc(For RF Decoupling), and a few .01 uF
> and a few .001 uF - I guess NPO's are better (black strip across top of
> disc)
>

.1 ufd's are used like popcorn. Even a simple circuit can eat them up
quick. Get at least 100. In fact, while your at it, get 100 of the
.01's too. At about \$8.00 per 100, it's not a big expence.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 28 Feb 2001 21:05:01 EST
From: Macstein@aol.com
To: qrp-1@lehigh.edu
Subject: [92897] Cub Fox Dan is loud!!!
Message-ID: <91.7875d26.27cf084d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Dan N4ROA is BOOMing with 4w..he usually works me with 100mw!!! Go get em!!!

-MAC-
AF4PS

Date: Wed, 28 Feb 2001 21:08:58 EST
From: Macstein@aol.com
To: n1tp@worldnet.att.net, qrp-1@lehigh.edu
Cc: Macstein@aol.com, mgemm@technologies.com, w2xn@juno.com
Subject: [92898] Re: Cub Foxhunt
Message-ID: <af.7c38aa8.27cf093a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/28/2001 8:36:41 PM Eastern Standard Time,
n1tp@worldnet.att.net writes:

>
> Is N4ROA, Dan, going to be the Cub Fox tonight?
>
> I did not see his announcement.
>
> Tom, N1TP
> Naples, Florida

He is on..I hear Jack getting him right now!!! 0208 7.141 listing up a tad.

-MAC-
AF4PS

Date: Wed, 28 Feb 2001 21:11:44 -0500
From: "Mark Adams, P.E." <k2qo@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [92899] FS: Wilderness Sierra \$\$-drop!
Message-ID: <F80ecyvfbT5zkDX64kD00010df4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

PRICE REDUCTION ONLY \$410 !

Up for grabs is my Wilderness Sierra with KC2, NB, and all modules from 160-10. Electrically it is a 10, and cosmetically it is a 9.9. I will include a Rat Shack AA battery holder with power cord and plug; it is perfect for /p operations. The band modules come in a nice little container too.

Reason for selling? I am getting more into VHF/UHF.

All this is your for only \$410 including shipping/handling/insurance.

Mark Adams, K2QO

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Wed, 28 Feb 2001 21:23:20 -0500
From: Ron D Doyle <n8var@juno.com>
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu, QFOX@egroups.com
Subject: [92900] FOX: Winter Fox for March 1
Message-ID: <20010228.212325.-282627.5.n8var@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, this once again proves that the best intentions don't get the job done. I am late again.:(I apologize to those on the digest. Hopefully my early announcement last Friday helps make up for this late one.

I will be the winter fox Thursday March 1 Eastern Standard Time USA. Most of you already know the drill so we will just summarize instead of going into detail.

Time: 0200 to 0400z March 2

(remember this is GMT, it's really 9:00pm to 11:00pm EST March 1)

Call: N8VAR

Speed: 18 to 20wpm - You can send what ever you think I will copy.

If you send much faster than 25wpm

and I probably won't get it.

Freq. 7.043 +-qrm (listening up 500 to 1500hz)

Exchange: <ur call> 559 oh ron 5w <ur call>

Confirm: r tu or r tu qrz de fox n8var

See you all there!

72 de Ron, N8VAR

Ron Doyle

n8var@arrl.net

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 28 Feb 2001 21:24:03 -0500

From: Thomas Jennings <jennings@eznet.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Tom Jennings
<thomas.jennings@us.abb.com>

Subject: [92901] Fox: Fox Hunt #37 Log...

Message-ID: <3A9DB2C3.68A29CE8@eznet.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

OK You Hounds,

Here is the second pass of the log.

Tom, kv2x

Time	Call	RPT	SPC	Name	PWR
200	W0PWE	559	IA	JER	5W
202	N0UR	559	MN	JIM	5W
203	K5AAR	559	OK	DON	5W
204	WE9K	559	WI	GLENN	5W
205	WV9N	559	OH	RANDY	5W
206	N1LN	559	TX	BRUCE	5W
207	WA9TZE	559	WI	JIM	5W

208	W2XN	559	FL	FRED	5W
208	N5ET	559	TX	BOB	5W
209	N4ROA	559	VA	DAN	4W
210	KK5LD	559	TX	DAN	5W
211	N9AW	559	WI	JERRY	5W
212	W9XU	559	WI	LON	5W
212	WB8ICN	599	MI	KEN	5W
214	KQ5U	559	TX	TERRY	5W
215	W3PNL	559	PA	JOE	3W
216	K3IU	579	RI	KEN	5W
217	KC1FB	559	CT	JIM	5W
218	W3ERV	559	MD	BILL	5W
218	KB9BVN	559	IN	WES	5W
218	N0AR	559	MN	SCOTT	5W
220	N10DL	559	NH	ARON	5W
221	N5TW	5NN	TX	TOM	5W
222	K0MP	559	CO	BILL	5W
223	WS4S	559	TN	CONARD	5W
225	W5SB	559	TX	BILL	5W
225	K5VUU	559	TX	ED	5W
229	AA2PF	559	NY	DAVE	5W
230	K4FB	559	FL	PAUL	5W
231	K5ZTY	559	TX	BILL	5W
233	K5LN	559	TX	BILL	5W
235	N40T	579	VA	ANDY	5W
235	K9IS	599	WI	STEVE	5W
236	K0EVZ	549	ND	DOC	5W
237	NV4V	559	KY	PETE	5W
238	N8VAR	559	OH	RON	5W
239	N1FN	559	CO	ET	5W
240	N5IW	599	TX	DAVE	5W
241	N2WW	559	CO	LARRY	5W
242	K0FRP	559	CO	AL	5W
244	K4BYF	559	FL	JACK	5W
244	AF4PS	579	FL	MAC	4W
246	KB1ENS	559	VT	JOHN	5W
247	W5YR	559	TX	GEORGE	5W
248	WY1W	569	CT	BRUCE	2W
249	N3AO	599	PA	CARTER	5W
250	NK9G	559	WI	RICK	5W
252	KI0II	559	CO	RON	5W
253	N5UW	559	OK	CLIF	5W
254	N5GJQ	559	LA	MIKE	5W
255	W8RU	599	MI	RON	5W
257	N1TP	599	FL	TOM	5W
258	K5EOA	559	LA	WAYNE	5W
259	W0UFO	559	MN	BILL	5W
300	KB1BDW	559	VT	BOB	5W

300	AC5JH	559	OK	TOM	5W
302	W0CH	559	MO	DAVE	5W
302	K3NG	599	PA	GOODY	5W
303	VA6RF	559	AB	EARL	5W
305	AF4LQ	579	KY	MIKE	5W
306	N5EN	559	TX	STEVE	5W
307	K10J	559	TX	OJ	5W
308	NK7M	449	AZ	BOB	5W
309	AA0ZZ	559	MN	CRAIG	5W
309	K4ADI	559	SC	FRANK	5W
311	NQ7X	559	AZ	FLOYD	5W
312	W3SMK	559	NJ	STEVE	5W
312	W5YA	559	NM	FRED	5W
313	W5USJ	559	TX	CHUCK	3W
314	K4TJD	559	GA	TOM	5W
316	N4SO	559	AL	KEN	5W
317	K5JHP	559	TX	BILL	5W
318	W9XT	559	WI	GARY	5W
318	W9HL	579	IL	RANDY	5W
320	W0RSP	559	SD	ADE	2W
321	K4LKL	559	FL	FRED	5W
322	WA50JE	559	TX	DANNY	5W
324	W5HNS	559	TX	HENRY	5W
326	W5SB	559	TX	BILL	5W
327	NV8X	559	OH	JESSE	5W
328	N0TU	559	CO	STEVE	5W
329	W5TB	559	TX	DOC	5W
331	K5JHP	559	TX	BILL	5W
331	N4VM	559	TN	BRYN	5W
332	K5AE0	559	TX	JOHN	5W
334	WU9F	559	WI	TERRY	5W
335	K0PC	559	MN	PAT	5W
336	WA5REJ	559	TX	ALLEN	5W
338	WA8BXN	589	OH	MIKE	5W
339	K7FD	559	OR	JOHN	5W
340	VE3FAL	559	ONT	FRED	5W
342	N0DSP	559	CO	TOM	5W
343	VE6EX	559	AB	DAN	5W
344	N8IE	559	OH	DAN	5W
346	WE9K	599	WI	GLENN	200MW
347	K0PC	559	MN	PAT	5W
348	W0JOE	559	MO	JOE	5W
350	KB7WW	559	OR	ART	5W
351	WB90FG	569	IN	JOHN	5W
352	AA7EQ	559	AZ	BOB	1W
354	NF0R	569	MO	DAVE	4W
356	K5DW	559	TX	DON	5W
357	WA7TQK	559	ID	BILL	5W

359	NC90	559	IL	SKIP	2W
359	WB8WTU	559	OH	DENNIS	5W
400	KV2X	559	NY	TOM	5W

Date: Wed, 28 Feb 2001 20:35:24 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [92902] PJ2/W6KK on 7.027 @ 0235Z
Message-ID: <5.0.2.1.0.20010228203051.02412a30@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

PJ2/W6KK on 7.027 @ 0235Z

Very strong tonight. Calling CQ now.

Used Argo 509 and 4W with SLX vertical.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Wed, 28 Feb 2001 21:49:37 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [92903] Cub FOX Dan N4ROA
Message-ID: <200102282149_MC2-C72E-7B07@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Cub FOX Dan N4ROA is spot on 7.140.8 with a HUGE signal into Bismarck, ND=
.
He is doing a super job. Hey, everybody, go get a pelt tonight :-).

72,

--Doc/K0EVZ

Date: Wed, 28 Feb 2001 20:57:45 -0600
From: "Jim Crooke" <crooke@prodigy.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92904] FOX- The Argo 509 bites some fur
Message-ID: <00b901c0a1fb\$64ed2420\$bba69cd1@n9o0l8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Argonaut 509 that I'm cleaning up got its first QSO tonight and bit some of the Cub Fox's pelt. Neat thrill! I would appreciate any reports on how the signal sounded if anyone noticed something out of line.

72, 73 es oo's Jim KJ0C
Healer of Brachycephalics and other good looking creatures in Springfield, MO
QRP-L #2100, SOC #37, FP #-108 semi-official Veterinarian of the Flying Pigs QRP, Zombie #777, Member of the Night Owls

Date: Wed, 28 Feb 2001 22:26:04
From: Jim Janack <n2jj@ix.netcom.com>
To: qrp-l@lehigh.EDU
Subject: [92905] QRPp DXCC status
Message-ID: <3.0.5.16.20010228222604.3bcfd064@pop.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

After working 6Y8A on 10m yesterday at 100mW, I decided to count my DXCC totals. That was #80 for me. I mostly worked contests and never really tracked it that closely. I posted my DXCC tabulation at <http://home.netcom.com/~n2jj> for those that may be interested. I would be interested in similar postings, especially from the West coast or DX.

Jim N2JJ

Date: Wed, 28 Feb 2001 22:29:26 -0500
From: Pete Burbank <plburbank@kih.net>

To: qrp-1@lehigh.edu
Subject: [92906] re LOW CURRENT AUDIO AMP
Message-ID: <5.0.2.1.0.20010228221932.00a804b0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Glen very kindly and privately reminded me that LM386 THD over a few watts was due to the output hitting the supply rails. Once again I am reminded to keep my big mouth shut before reviewing all the facts. My apologies
73 Pete NV4V

Date: Wed, 28 Feb 2001 20:33:48 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [92907] FOX
Message-ID: <Pine.LNX.4.31.0102282030460.1584-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dan is 539 in Southern NM but after the pack of Hounds got thin about 10 minutes ago Dan heard me. I called and called in the early hour but got nowhere. So when your turn comes to not be heard take a shower and do the dishes. Check back in about an hour and a half after the hunt starts. You *MIGHT* make it then.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 28 Feb 2001 19:33:18 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-1@lehigh.edu
Subject: [92908] Re: OT: Amateur Radio - Earthquake Seattle, WA
Message-ID: <20010228193318.A3735@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Wed, Feb 28, 2001 at 10:29:54PM +0000, laura halliday wrote:

> Major shaking in Vancouver B.C. at 1055 PST (1855 UTC).
> There is a construction site next door and we thought at
> first something had gone catastrophically wrong there.
>
> No reports of damage here, but I've seen pictures of
> buildings in Seattle (try <<http://www.cnn.com>>) that
> didn't make it.
>
> I've been in smaller earthquakes. This was the first
> that had me thinking "Houston, we have a problem..."

Well, it did get my attention. We didn't have any power outages,
but parts of Seattle (8 miles east) did. It's the biggest shaking
I've felt since L.A. in 1971. This one hasn't had any aftershocks
(yet!)

--
Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Wed, 28 Feb 2001 21:24:12 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [92909] Parts to Have on Hand...
Message-ID: <200103010324.AA01059@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Got to add my \$0.02 to the thread. :-) Remember, this is
one man's opinion, and your mileage may vary. :-)

As far as semiconductors go, you can't have enough
2N2222s. You can use them just about anywhere a small
signal NPN transistor is needed. They are a bit sturdier than
the 2N3904, too. For RF output, 2N2102s are still good, and
relatively inexpensive. Ditto the 2N3053, which is available
off the shelf at most any Radio Shack store. With a heatsink,
you can get 3-3.5W out of one without too much trouble. A
pair in push-pull will do 5W out, no sweat. J310 JFETS are
handy as well, and dirt cheap.

As to diodes, a good fistful of 1N914s or 1N4148s is
highly recommended. You can match quads of these with
a VOM and brew up a pretty fair DBM. Also useful in a lot

of other places.

Toroids: A minimal selection would be the FT-37-61, good for chokes, small RF transformers, etc. Add to that some T-50-2s for inductors used in tuned circuits (output filters, etc) and perhaps one or two T-50-6s for VFO inductors, and you'd be good to go for a lot of projects. Some people like the smaller T-37 size, but you can get by with the T-50 size ones for a lot of applications

Of course, a good assortment of 1/4W resistors is a must, along with an assortment of disk ceramic capacitors. 0.1uF caps are used in quantity for bypassing in most circuits, so a handful would not be a bad idea at all. Small value capacitors, say 470 pF and below, should be NP0.

With this set of parts, you can build a lot of projects, or at least have a good head start on them. I prefer to buy ICs as I need them, but a few 741 op-amps and LM386 audio amps are handy to have around.

Of course, any builder worthy of the name will accumulate more parts than this minimalist list. :-) As one gets further along in building stuff, they get a better idea of what they need to have on hand when project fever strikes. :-)

72/73,

Todd, AG0T
QRP-L # 2211, ND

Date: Wed, 28 Feb 2001 21:31:24 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [92910] PJ7/ND5S on 7.014 @ 0307Z
Message-ID: <5.0.2.1.0.20010228212656.02426d40@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

PJ7/ND5S on 7.014 @ 0307Z

On St. Maarten. Very strong into midwest. Up 1. Not too busy.

Used 4W with Argo 509 and St. Louis Express Vertical.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Wed, 28 Feb 2001 19:29:58 -0800
From: "larry hess" <hessls@csi.com>
To: <qrp-1@lehigh.edu>
Subject: [92911] FS: SGC-2020 Transceiver
Message-ID: <006001c0a200\$3d096720\$532ec0d8@oemcomputer>

SGC-2020 Compact 160-10 SSB/CW Transceiver.QRP to 20 watts.Recent factory tune-up and latest software upgrade.Like new condition; bought new. Never used mobile.Great portable rig, small, lightweight, and ruggedly built.Comes with flipfoot, mike, manual, and original box.\$500
Larry W8GTT / EI8IN

Date: Wed, 28 Feb 2001 22:43:42 -0500
From: Pete Burbank <plburbank@kih.net>
To: 70511.3041@compuserve.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92912] Re: Cub FOX Dan N4ROA
Message-ID: <5.0.2.1.0.20010228223916.00a82a00@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:49 PM 2/28/2001 -0500, Wilford D. Lindsey wrote:

>Gang:

>

>Cub FOX Dan N4ROA is spot on 7.140.8 with a HUGE signal into Bismarck, ND.

>He is doing a super job. Hey, everybody, go get a pelt tonight :-).

>

>72,

>--Doc/K0EVZ

Doc I got him with an ESP copy. He is only about 100 miles from here so it must have groundwave. What a gas!

He is still chugging away at 1040 EST.

73 Pete NV4V

Date: Wed, 28 Feb 2001 22:00:39 -0600
From: "George, W5YR" <w5yr@att.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92913] Re: Cub FOX Dan N4ROA
Message-ID: <3A9DC967.41D6C8C6@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sure was a good sig here, too, Doc.

We were still having flashbangers in the area so I fired up on the attic antenna farm - full-size dipoles in the attic on 80, 40, 30 and 20 meters all fed with RG-213 in common - and mailed Dan on the first call.

Maybe attic dipoles are really "special" after all! Even when you don't live in Florida!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Wilford D. Lindsey" wrote:

>
> Gang:
>
> Cub FOX Dan N4ROA is spot on 7.140.8 with a HUGE signal into Bismarck, ND.
> He is doing a super job. Hey, everybody, go get a pelt tonight :-).

Date: Wed, 28 Feb 2001 21:16:21 -0700
From: Carlos J Caro <ccaro3@juno.com>
To: qrp-l@lehigh.edu
Subject: [92914] Re: more RF hazard stuff
Message-ID: <20010228.211718.-162693.2.ccaro3@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

This deal of drawing an arc with a pencil. Is it a navy thing ??? In 1957 we were in transition from Anti-Aircraft Artillery guns to Nike missiles. I scrounged about four BC-610's from the Air Force (SCR-299 and SCR-399) to keep our command nets up and running. Had a operator in my radio section who was ex-navy and his favorite showoff trick was to draw arcs. Needless to say the pencil broke down and he got a neat hole punched in his ankle and boot. Never did draw arcs again.

Regards,

Carlos #1333

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 28 Feb 2001 22:26:19 -0600

From: "George, W5YR" <w5yr@att.net>

To: ccaro3@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [92915] Re: more RF hazard stuff

Message-ID: <3A9DCF6B.FF3A3A32@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I guess one more pencil-arc story won't break the bank.

Back in the mid - 40's I had a 260-ft longwire antenna fed from a parallel-tuned circuit in the shack link-coupled to the final tank circuit of the 813 rig.

I would tune the final tank with a 200-watt lamp load for a dummy antenna and then hook on the 300-ohm twinlead over to the antenna tuner mounted by the window. After setting the coil clips for the band I would adjust the capacitor by tuning for maximum arcs off the end of the coil with a wooden pencil! Final touchup on the 813 tank tuning would finish the job.

Worked 80 - 20 with that setup including some great dx on 20 cw.

Later on I had a 40-watt fluorescent bulb taped to the far end of the antenna that would glow whenever the key was pressed. Sure looked great out there in the country darkness late at night blinking away! I would

doublecheck the tuning adjustment by setting the cap for maximum brightness of the bulb.

Amazing the things you can think to do when you are 17 years old! <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Date: Wed, 28 Feb 2001 23:31:04 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [92916] Audio PSK31 Beacon source code posted
Message-ID: <00ec01c0a208\$6ed2f110\$ac59accf@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all -

In the continuing unveiling of this Atlanticon Kit project, the "Audio PSK31 Beacon" software source code has been posted to the Beacon web page at <http://www.njqrp.org/psk31beacon/psk31beacon.html>

Schematic, theory of op, parts layout, etc. will be coming in the days ahead.

And FYI ... to prove that this project is not just an audio toy to be used solely at the building contest at Atlanticon QRP Forum, I connected the audio from the Beacon prototype board (pictured on the web page) to the input of my PSK-80 Warbler and had a nice beacon signal going this evening. Brian Riley, N1BQ up in VT was able to copy my signal and code word. It's a real thing!

72, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>
and Atlanticon QRP Forum at <http://www.njqrp.org/atlanticon/>

Date: Wed, 28 Feb 2001 20:34:05 -0800
From: David Kidd <ka7ozo@pacifier.com>
To: qrp-1@Lehigh.EDU
Subject: [92917] dead computer
Message-ID: <v03007802b6c3816ea912@[207.202.211.122]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

lost all my Dayton messages when my computer died....so could someone
please send me the message or info concerning the dates and schedule of
events.

Please send direct to ka7ozo@pacifier.com

Thanks

73,
Dave
KA7OZO

Date: Thu, 1 Mar 2001 00:05:38 EST
From: Macstein@aol.com
To: qrp-1@lehigh.edu
Subject: [92918] W9JOP/4/QRPP was booming in tonight!
Message-ID: <3b.1110bf75.27cf32a2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Bob in VA was running his SMK-1 just below 7.040 and I had him 569 solid.
When we finished I heard an SMK-1 pileup! Very good job Bob! I was using
the NorCal40a tonight at about a watt when we found each other. I love
hearing the "C" beacon under the SMK-1s.

WHAT FUN!

-MAC-
AF4PS
Odessa, FL

Date: Thu, 1 Mar 2001 00:40:13 EST
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [92919] W9JOP/QRPP doing DX!!!!
Message-ID: <f4.7aa552f.27cf3abd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I was still monitoring 7.039.5 after my QSO with Bob on his SMK-1. Steve, N0TU on a K2 works John FJ/AC4WC who is QRP 3watts... Bob calls CQ, and John comes back to him!! 559s both ways... At the end of our earlier QSO I told him GUD DX... Bob may get DXCC QRPP!!! Way to go bud!!

-MAC-
AF4PS
Odessa, FL

Date: Wed, 28 Feb 2001 23:18:53 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: <Macstein@aol.com>
Cc: "QRP-L" <QRP-L@lehigh.edu>
Subject: [92920] Re: W9JOP/4/QRPP was booming in tonight!
Message-ID: <00a201c0a217\$7df79920\$6a211d82@sg2939h.col.hp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Mac,

I heard Bob and tried to snag his SMK before John-FJ/AC4WC popped up. But by the time I got my paddle plugged in (I was melting solder on my K10) he was gone or didn't hear me? Until I heard him work John - FJ/AC4WC WOW Bob's SMK-1 is on steroids or what?. I was also hearing the C beacon and the M beacon QSB in and out. Fun evening on the QRPP side of 7040. BTW u were 579 on peaks. CUL GL&DX <g> Steve/n0tu

-----Original Message-----
From: Macstein@aol.com <Macstein@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, February 28, 2001 10:16 PM
Subject: W9JOP/4/QRPP was booming in tonight!

>Bob in VA was running his SMK-1 just below 7.040 and I had him 569 solid.
>When we finished I heard an SMK-1 pileup! Very good job Bob! I was using
>the NorCal40a tonight at about a watt when we found each other. I love
>hearing the "C" beacon under the SMK-1s.
>
>WHAT FUN!
>
>-MAC-
>AF4PS
>Odessa, FL
>

Date: Thu, 01 Mar 2001 00:27:35 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [92921] Fifty on 40CW! (long)
Message-ID: <5.0.2.1.0.20010228213916.0242de80@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Good morning QRP DXers!

Tonight I logged my 50th country on 40CW running QRP. This has been quite an interesting exercise after laying off DXing for a decade. It took about three months during a cycle of informal antenna testing.

I encountered a few new things on forty meters. First, it's real nice chasing DX stations at the bottom of that band. That's because they are usually found there! <g> Second, many of the ops encountered are simply the best. They tend make it very easy.

Third, to my ears a weak station on 40M is different than a weak one on the higher bands. I'm calling stations almost in the noise level and they tend to come back. Not complaining but it has definitely been a pleasant surprise as well as a re-learning experience. Fourth, it's actually possible to ragchew a bit with DX stations on 40CW as opposed to ripping off 599's. I like that!

The rigs were for this quest were mainly vintage Ten-Tec: Corsair I, Argosy II, Argonaut 515 or Argonaut 509. I also ran an unmodified HW-8 a few times. And, a venerable Tejas Backpacker II. Amazing receivers one and all including the DC's.

My output was typically 4 to 5 watts but there were some one and two watt contacts in the mix. If a country was already in the log, I liked to try for it again at one watt, increasing the power incrementally just to see what was possible.

The antenna under test was a portable St. Louis Express Vertical. It's my only back-yard antenna for this winter season. The ground-mounted SLX serves for DXing, fox hunting, milliwatt contesting and ragchewing.

I extended the loaded ribbon cable radiator of the SLX slightly so it was resonant on 40M. This was done by inserting a pvc extender pipe in the St. Louis Mount to elevate the SD-20 collapsible pole.

The ground system is nine 8th wave St. Louis Radials with all seven conductors cut to 16.5'. The ribbons are terminated in alligator clips and attach to an integrated feedpoint disk. The SLX is fed with about 75' of RG-58 and there is a scramble wound coaxial choke at the feedpoint. The configuration detailed here has been my favorite car-trunk portable antenna for some time.

I don't run portable specifically to work DX. Consequently, I had been lax in checking just how effective this ersatz vertical might be in a semi-permanent location. Moving to a real house made it possible for the first time though I had to wait for winter and minimum foliage. I'm also using the antenna for fox hunting and milliwatt contesting.

The original SLX radiator is 19.5' tall and non-resonant on any band. It is tuned remotely for 10-40M coverage. Incidental tuner losses aside this can be quite a plus if the vertical is in an elevated mount or the weather outside is really awful. I recently borrowed a K2 with tuner option for compatibility testing. It tuned both the original and extended SLX radiators easily on all design bands.

The SLX's little brother is called the St. Louis Quickie Vertical. It is about 11' tall, resonant on 20M and tunable remotely from 10-20M. I'm going to run the SLQ for awhile to see how long it takes to log fifty countries on 20M. The power limit will be two watts since that is about what I can get out of my DSW-20 station.

Anyway, I'm discovering what is possible in low-power Dxing on 40CW with a simple portable vertical antenna of my own design. Fun stuff? You bet! Next step is fitting an expanded the ground system configuration and later adding a reflector. All of this while retaining the inherent portability and convenience of the SLX.

The interim DX tally on forty more or less in order worked follows.

Regards,

de Dave, NF0R nf0r@slacc.com

FM, W7, J8, KP4, EA8, TI, F, OM, I, YU, C6, C0, P4, EA, J7, G, VP2E, J3,
IS, EI, TG, OK, VE, V2, S5, ON, HK, KP2, HA, Y0, XE, HI, V4, PY, GM, SM,
LZ, VP9, OH, DL, V31, EA6, CT2, IT, HC, HB, PA, VP5, PJ2, PJ7.

Date: Thu, 1 Mar 2001 05:26:03 -0500 (EST)
From: <baltimoremd@baltimoremd.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92922] Re: more RF hazard stuff
Message-ID: <Pine.BSI.4.05L.10103010523090.15733-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Feb 2001, George, W5YR wrote:

>
> Later on I had a 40-watt fluorescent bulb taped to the far end of the
> antenna that would glow whenever the key was pressed. Sure looked great out


```
> there in the country darkness late at night blinking away! I would
> doublecheck the tuning adjustment by setting the cap for maximum brightness
> of the bulb.
```

In the way back times...when my antennae snaked through trees at 100 ft off the ground, I used the fluorescent's also....but since I thought it looked neat...I spaced them so that different ones would glow based on the band I was on.

Now, with QRP, I guess I'll have to use neons (g)

Thom

[illegible]

Date: Thu, 01 Mar 2001 06:23:31 -0500
From: Dan Wolfe <n4roa@mounet.com>
To: qrp-l@Lehigh.EDU
Subject: [92923] Fox Run
Message-ID: <3A9E3133.2715@mounet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mornin' ye Hounds,

Beware the Ides of March.

Hey! No storms for this run. The band seemed to be in great shape with plenty of hounds to keep me busy until the end. I sure do appreciate you letting me serve as a Cub Fox. If the Cub Fox operation comes back for another year, it is highly recommended that you volunteer to be a Fox. You will certainly be glad you did. Fun, fun, fun.

Everyone was well behaved. A few checked in at milliwatt levels with good signals. Worked Mac, AF4PS, at 100mw and four more at 500mw. One other that could have been 100mw, never could get the first number and they faded out. Sorry it is over for me as the Cub Fox. A log for your inspection will follow tonight. Thanks.

72/73...Dan, N4ROA

Date: Thu, 1 Mar 2001 07:23:27 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-1@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [92924] FOX - Cub Hunt N4ROA
Message-ID: <000701c0a24a\$6baf3ce0\$c2984d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dan, N4ROA, was exceptionally loud in Southwest Florida during last evening's Cub Hunt. It would have been interesting had Dan been the Fast CW FOX. Dan's total number of QSOs may have approached Larry's (N2WW) record number of QSOs a single fast CW Hunt. Maybe Dan will volunteer to be a fast CW FOX for next hunting season, 20 meters or 40 meters, or both. Dan is an exceptionally top notch CW operator.

Tom, N1TP
Naples, Florida

Date: Thu, 1 Mar 2001 05:56:03 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Tom <n1tp@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92925] Re: FOX - Cub Hunt N4ROA
Message-ID: <Pine.LNX.4.31.0103010553100.822-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dan was exceptionally weak in Southern NM during last nights Fox Hunt. I had to call him 4 times so he could get my call late in the hunt. But we made it and I agree Dan is a quality CW operator, and a nice guy.

On Thu, 1 Mar 2001, Tom wrote:

> Dan, N4ROA, was exceptionally loud in Southwest Florida during last
> evening's Cub Hunt. It would have been interesting had Dan been the Fast CW
> FOX. Dan's total number of QSOs may have approached Larry's (N2WW) record

> number of QSOs a single fast CW Hunt. Maybe Dan will volunteer to be a fast
> CW FOX for next hunting season, 20 meters or 40 meters, or both. Dan is an
> exceptionally top notch CW operator.

>
> Tom, N1TP
> Naples, Florida
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 1 Mar 2001 08:13:36 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [92926] QRP EME with 5 watts!
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D38@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Congratulations to W7SZ and W7LHL for completing an EME QSO with just 5
watts.

<http://www.arrl.org/news/stories/2001/02/28/4/?nc=1>

Who will get the first microwave QRP DXCC or WAS?

73--Zack W1VT

Date: Thu, 1 Mar 2001 08:54:27 -0500
From: "Brian" <bmurrey@amexol.net>
To: <n1tp@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92927] Re: FOX - Cub Hunt N4ROA
Message-ID: <006d01c0a257\$22244270\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dan was 599 + in Indiana last night. Loudest I have ever heard him.

The guy is a class act and a great Fox!

----- Original Message -----

From: "Tom" <n1tp@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, March 01, 2001 7:23 AM

Subject: FOX - Cub Hunt N4ROA

> Dan, N4ROA, was exceptionally loud in Southwest Florida during last
> evening's Cub Hunt. It would have been interesting had Dan been the Fast
CW
> FOX. Dan's total number of QSOs may have approached Larry's (N2WW) record
> number of QSOs a single fast CW Hunt. Maybe Dan will volunteer to be a
fast
> CW FOX for next hunting season, 20 meters or 40 meters, or both. Dan is
an
> exceptionally top notch CW operator.
>
> Tom, N1TP
> Naples, Florida
>
>

Date: Thu, 1 Mar 2001 09:14:27 -0500

From: "elawson" <elawson@lawson-philpot.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [92928] INRAD filter info

Message-ID: <001b01c0a259\$edacfca0\$0e01a8c0@office.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Does anyone have a URL or telephone number for INRAD filters?
Looking for info on specs, availability and price of INRAD filters.

TIA

Ed Lawson

K1VP

Date: Thu, 01 Mar 2001 09:22:03 -0500
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: elawson@lawson-philpot.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [92929] Re: INRAD filter info
Message-ID: <3A9E5B0B.55FF2877@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try <http://www.qth.com/inrad>

Pickett, AD4S

elawson wrote:

>
> Does anyone have a URL or telephone number for INRAD filters?
> Looking for info on specs, availability and price of INRAD filters.
>
> TIA
>
> Ed Lawson
> K1VP

Date: Thu, 1 Mar 2001 08:08:59 -0700
From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92930] SMT to DIP/Manhattan Adaptors
Message-ID: <07e801c0a261\$8bc75dc0\$316b6e80@ced.utah.edu>

Hey Everybody

I am laying out a bunch of small PCB adapters which will make it possible to mount various types of surface mount packages to DIP headers or directly to a Manhattan style bread board. This will make it possible to plug SMT chips into standard DIP sockets. The adapters have solder pads around the perimeter. So, they can, also, be glued to a Manhattan-style breadboard.

I am doing this because many of my latest efforts, both at work and at home, involve using some wonderful new ICs and discrete devices that are NOT available in DIP packages. Just try soldering wires to an SSOP package at 3:00 in the morning.....

I could use a little help here in determining which SMT land patterns would

be most useful to amateurs and other hobbyists. Any suggestions or requests....?

I hope to get adapters made and make them available to others with the same problem.

There are a few commercial adapters available, but they are outrageously expensive, and are not well adapted for Manhattan breadboards.

Thanks in advance

Bruce kk7zz

Date: Thu, 1 Mar 2001 10:14:18 -0500
From: "Russ Hines" <radioruss@fuse.net>
To: <zlau@arrl.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92931] Re: QRP EME with 5 watts!
Message-ID: <002501c0a262\$4a4b08a0\$022944d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow, that's interesting. Congrats to W7SZ and W7LHL.

But from the article, it sounds like they used 5 watts TP0. Any idea about ERP? A 10-12ft TVRO dish at 1296, gain maybe around 26dB... my guess is around 1-2kW ERP. Is that a fair guess or am I off-base here?

I also wonder, if a long term integration method had been used, a low-power EME contact might have taken place years ago using plain ol' CW... if one could stand listening to the noise that long. ;-)

Thanks for the post, Zack.

73,
Russ Hines
WB8ZCC
radioruss@fuse.net
wb8zcc@arrl.net
<http://home.fuse.net/radioruss>

----- Original Message -----
From: Lau, Zack, W1VT <zlau@arrl.org>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, March 01, 2001 8:13 AM
Subject: QRP EME with 5 watts!

> Congratulations to W7SZ and W7LHL for completing an EME QSO with just 5
> watts.
> <http://www.arrl.org/news/stories/2001/02/28/4/?nc=1>
>
> Who will get the first microwave QRP DXCC or WAS?
>
> 73--Zack W1VT
>

Date: Thu, 1 Mar 2001 11:33:54 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>
Subject: [92932] QRP on the ARRL Web Page
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16AE0@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

<http://www.arrl.org/news/stories/2001/02/28/4/?nc=1#QRP> - 2XQRP EME QSO!

<http://www.arrl.org/members-only/extra/features/2001/03/01/1/?nc=1> - QRP
station described

73,
Ed Hare, W1RFI
ARRL Laboratory

Date: Thu, 1 Mar 2001 10:43:56 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-l@Lehigh.EDU
Subject: [92933] NQ9RP QSL's via eQSL
Message-ID: <0F33FE77E9.BFA9FD31-0N86256A02.005AF375@ra.rockwell.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

The QRP Cheeseheads registered with eQSL.cc for the exchange of eQSL's.

Starting today, Logs from NQ9RP operations will be uploaded to eQSL.cc.

We are doing this for a couple of reasons.

- 1) We can use the eQSL system as our log manager, since we authorize different members to use the call for different events they only have to upload their log to update the Stations master log, The trustee will make sure that QSL's are confirmed.
- 2) Saves on postage and printing....so we can spend the money on treats for Dayton.

QRP ARCI accepts eQSLs for its awards so this is an inexpensive way to exchange QSL's. If you need a paper confirmation feel free to send an SASE to NQ9RP's callbook address and we'll get one out to you.

Those who worked KH6/NQ9RP on AE9K's recent expedition to MAUI should send an SASE.

72,
Brian AE9K

Date: Thu, 1 Mar 2001 11:54:28 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [92934] *Summer* Slow-Speed FOX Hunt?
Message-ID: <200103011154_MC2-C745-25B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

I'm trying to gauge the interest in possibly having a slow speed *summer*=

FOX hunt. It would be like the Cub Hunt, maybe adding a couple of features. Would most likely be on 20 Metres. Note that this is in no way competition to any other QRP events. =

So what do you think? Would you participate in such a hunt? Would you perhaps volunteer to be a FOX once or twice during the summer?

Please let me know soon. Thanks in advance. =

BTW, thanks to one and all who have taken part in the former N/T+ hunts and
more recently the Cub Hunt. It has been great fun to put them together. =
I
look at so many who were N/T+ ops a few seasons ago who have now pgraded,=
some to Extra Class, and are now contributing to our hobby in some notabl=
e
and significant ways. Wow!

72,
--Doc/K0EVZ

Date: Thu, 1 Mar 2001 11:54:24 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:Macstein@aol.com" <Macstein@aol.com>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, ".QRP-L Discussion
Group" <QRP-L@Lehigh.edu>
Subject: [92935] Wanna ND SMK-1 QSO tonight ;-)?
Message-ID: <200103011154_MC2-C745-257@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Mac:

What say we try for a QSO tonight--my SMK-1 to your K2 or whatever? I
could be on there at 0100 or so. My rig transmits about 7.039.2 at the e=
ar
pounding, blood pressure raising POWER level of.....225 mw. Maybe w=
e
can make it work. I have three states thus far and plan to work SMK-1 WA=
S.
No DX yet [gg].

72,
--Doc/K0EVZ

Date: Thu, 01 Mar 2001 12:03:45 -0500

From: Ed Kessler <edkess@epix.net>
To: "Eastern PA QRP Club" <epaqrp-1@Lehigh.EDU>
Cc: Donald Philbin <donaaldphilbin@hotmail.com>, Glen Leinweber
<leinwebe@mcmail.cis.McMaster.CA>, James Skalski <jskalski@bellatlantic.net>,
Jim Kortge K8IQY <jokortge@prodigy.net>, "K9ut-aol.com" <K9ut@aol.com>, Larry
Thomas <aa3px@intergrafix.net>,
Subject: [92936] Additional IF Amp For The Progressive Receiver
Message-ID: <5.0.2.1.0.20010301115816.00a00870@mailhost.epix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Several folks have asked about my filtering scheme in the
Progressive. I've added a schematic of the additional IF Amp we included
to compensate for the CW filter loss. The circuit is fairly
straightforward but the additional gain is very beneficial.

For those interested . . .

73s
Ed AA3SJ

<http://www.qsl.net/aa3sj/index.htm>

Date: Thu, 1 Mar 2001 09:14:30 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Cc: <wa6ger@aol.com>
Subject: [92937] NorCal Toroid Kits are sold out!!
Message-ID: <01c0a273\$1406c2a0\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, we took orders for the NorCal Toroid kits for one week, to give
everyone a shot at it, and today we are closing the window. We are no
longer accepting orders for Toroid kits. A confirmation message was sent to
every order. Please remember to send your checks or money orders and self
addressed mailing labels to Jim Cates right away. The Ferrites should ship
on April 9, so I am expecting them by the 16th. I got the -2, -6, & -7's
yesterday, and have started to bag them. Thus, when the ferrites arrive, I
will just have to bag them and then ship. Thanks for your patience, and
thanks for your support of this project. Sorry if you missed it. But Dr.
Adams says, if you snooze you miss out on the opportunity to partake.
(Never did understand his choice of words, but he is a PHd, and he knows a

lot more than I do, grin.) 72, Doug, KI6DS

Date: Thu, 1 Mar 2001 12:06:10 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [92938] Re: QRP EME with 5 watts!
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D3D@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Tough to say what the actual ERP is--it is tough to ignore feedline losses at 23 cm, nor are circular polarizers always low loss.

Is there a QRP society for those interested in accurately determining ERP? You can go pretty deep into rather difficult theory, particularly if you want to get transmission line theory and terrain effects exactly right. Maybe something for those HOF gurus to tackle.--Zack W1VT

Date: Thu, 1 Mar 2001 12:18:19 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [92939] Re: Some part recommendations for your junk box
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D3E@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

What about electrolytics?--Digi-Key will sell you a hundred 10 or 22 uF 35 volt caps for \$8.99--Zack W1VT

Date: Thu, 1 Mar 2001 09:40:09 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92940] DIN Socket Repair
Message-ID: <20010301174009.10658.qmail@web9615.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

My TS-140 rig uses a DIN socket to interface with a TNC or similar device. As this connection does not seem to be very well isolated I have to unplug it to use the microphone. As a result, it no longer has enough insertion force to reliably hold the connector in place. Before I determine how difficult replacement will be, has anyone successfully remedied such a situation?

Curt WB8YYY

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Thu, 01 Mar 2001 17:39:43 -0000
From: "Tom Dufresne" <tdufres@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [92941] Questions about headphones
Message-ID: <F243H2ws20GRxn3MhrR000020d7@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I love old radios, QRP, QRO, whatever. (Just had to get that out)
Having said that, how can I repair my old style headphones with the cotton(?) cord? If I pinch, or twist, or move it "cuts in" and out. Almost like a poor connection. I have two sets now, and it happens on both pair. Is this a common problem? These things are GREAT for QRP crystal radios :)
Thanks!
Tom

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 01 Mar 2001 17:52:56
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [92942] Re: QRP EME with 5 watts!
Message-ID: <F59cvsq9IcVux1Zcn8T00024e9d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Russ Hines (radioruss@fuse.net) wrote:

>But from the article, it sounds like they used 5 watts TPO.
>Any idea about ERP? A 10-12ft TVRO dish at 1296, gain maybe
>around 26dB...my guess is around 1-2kW ERP. Is that a fair
>guess or am I off-base here?

The numbers are about right. 2 kW ERP is still QRP for the
EME folks.

This is rarely an issue at HF - 26 dB of antenna gain is a
big antenna on 40 meters (360 meter dish - bigger than
Arecibo). IMHO, 5 watts is 5 watts, and that's QRP.

>I also wonder, if a long term integration method had been
>used, a low-power EME contact might have taken place years
>ago using plain ol' CW... if one could stand listening to
>the noise that long. ;-)

This is the usual setup for DX on bands like 136 kHz. There
have been a number of articles in RadCom, a few of which
are kicking around on the net and have made it into QEX.

The main reason this hasn't been done for EME and CW is
the inertia of the EME folks - too many of whom share the
notion that any communication other than a person working
a key or microphone and listening to signals in headphones
in real time is somehow improper and doesn't constitute
real communication.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Thu, 01 Mar 2001 13:03:07 -0500
From: Ed Kessler <edkess@epix.net>
To: "Eastern PA QRP Club" <epaqrp-1@Lehigh.EDU>
Cc: Donald Philbin <donaaldphilbin@hotmail.com>, Glen Leinweber
<leinwebe@mcmill.cis.McMaster.CA>, James Skalski <jskalski@bellatlantic.net>,
Jim Kortge K8IQY <jokortge@prodigy.net>, "K9ut-aol.com" <K9ut@aol.com>, Larry
Thomas <aa3px@intergrafix.net>,
Subject: [92943] Sorry For URL Error - Progressive Receiver

Message-ID: <5.0.2.1.0.20010301125909.00a0bcb0@mailhost.epix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I forgot the "l" at the end of "html." Duh!

<http://www.qsl.net/aa3sj/index.html>

Date: Thu, 1 Mar 2001 11:15:38 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92944] Re: Wanna ND SMK-1 QSO tonight ;-)?
Message-ID: <Pine.LNX.4.31.0103011108510.1444-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Doc, I will listen on my SMK-1 and give you a call if I hear you. I have all the parts for a 5 watt amp but it's not built yet. Hope to hear other states too.

On Thu, 1 Mar 2001, Wilford D. Lindsey wrote:

> Mac:
>
> What say we try for a QSO tonight--my SMK-1 to your K2 or whatever? I
> could be on there at 0100 or so. My rig transmits about 7.039.2 at the ear
> pounding, blood pressure raising POWER level of.....225 mw. Maybe we
> can make it work. I have three states thus far and plan to work SMK-1 WAS.
> No DX yet [gg].
>
> 72,
> --Doc/K0EVZ
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 01 Mar 2001 13:28:08 -0500

From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [92945] [CONTEST] QRP Contest Calendar - March 2001
Message-ID: <3.0.6.32.20010301132808.008bb580@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Contesters,

Please send your sprint or contest info to: N2CQ@ARRL.NET
We will include it in the calendar.

72 de Ken - N2CQ

QRP CONTEST CALENDAR

March 2001

QRP-L Foxhunt

Foxhunt: Every Tuesday And Thursday (Ends Mar 8 US/Can)
Details: <http://www.cqc.org/fox>

Cub Foxhunt: Every Monday and Wednesday (Ends Mar 7 US/Can)
Details: <http://www.qsl.net/k5di/fox/index.html>

Fox appears: 9pm EST, 8PM CST, 7PM MST and 6PM PST.

FPQRP-L Truffle Hunt

Flying Pigs Truffle Hunt: 30 minutes before the Foxhunt.
Details: http://www.fpqrp.com/pig_hunt.htm

CZEBRIS Contest (CW) ... QRP Contest!

Mar 2 - 1600z to Mar 4 - 2359z

Rules: <http://www.sk3bg.se/contest/czebris.htm>

"Czech-British QRP Contest. Work any QRP station"

~~~~~  
ARRL International DX Contest (SSB) ... QRP Category

Mar 3 - 0000z to Mar 4 - 2400z

Rules: <http://www.arrl.org/contests/announcements/intldx.html>

"Best SSB DX for QRPers this year"

~~~~~  
Adventure Radio Society - Spartan Sprint (CW) ... QRP Contest!

Mar 6 - 0200z to 0400z

Rules: http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html

"Testing of lightweight radio gear for outdoor QRP expeditions"

~~~~~  
World Wide Locator Contest (CW/SSB)

Mar 10 - 0000z to Mar 11 - 2400z

Rules: <http://www.sk3bg.se/contest/wwlc.htm>

"Grid locations for exchange"

~~~~~  
Second Class Operator's Club (SOC) Marathon Sprint (CW) .. QRP Contest!

Mar 10 - 1800z to 2400z

Rules: <http://soc-hams.homepage.com/20010310.htm>

"QRP or QRPp Fun Sprint. QLF not required for club membership"

~~~~~  
UBA (Belgian) Spring Contest (CW-80m) ... QRP Category

Mar 11 - 0700z to 1100z

Rules: <http://www.uba.be/HF/conrules/spring.htm>



"North American Night Owl choice"

~~~~~  
Wisconsin QSO Party (CW/SSB)...QRP Category

Mar 11 - 1800z to Mar 12 - 0100z

Rules: <http://www.warac.org/wqp/wqp.htm>

"QRP category for the first time. QRP doubles your score."

~~~~~  
Somerset Homebrew Contest (CW/SSB - 80 Meters) ...QRP Contest!

Mar 17 - 0000z to 2400z (Any 4 hours)

Rules: <http://www.sk3bg.se/contest/somerset.htm>

"Homebrew and kits. Prizes available. Europeans operate 1900z-2300z"

~~~~~  
Alaska QSO Party (ALL)

Mar 17 - 0000z to Mar 18 - 2400z

Rules: <http://www.sk3bg.se/contest/alaskaqp.htm>

"Good time to work AK"

~~~~~  
Bermuda Worldwide Contest (ALL)

Mar 17 - 0001z to Mar 18 - 2400z

Rules: <http://www.sk3bg.se/contest/bermuda.htm>

"Free trip to Bermuda for first prize"

~~~~~  
BARTG Spring HF RTTY Contest

Mar 17 - 0200z to Mar 19 - 0200z

Rules: http://www.bartg.demon.co.uk/Contests/01_rules.htm

"Much RTTY DX"

~~~~~  
Russian DX Contest (CW/SSB)

Mar 17 - 1200z to Mar 18 - 1200z

Rules: <http://www.sk3bg.se/contest/russsdx.htm>

"Work anyone but lots of points for Russians"

~~~~~  
Virginia QSO Party (CW/SSB) ... QRP Category

Mar 17 - 1800z to Mar 19 - 0200z

Rules: <http://www.qsl.net/sterling/QSOParty-2.html>

"Excellent state QP and nice awards too."

~~~~~  
CQ World-Wide WPX Contest (SSB) ... QRP Category

Mar 24 - 0000z to Mar 25 - 2400z

Rules: <http://home.woh.rr.com/wpx/>

"More fine SSB DX. Compete with other QRPers."

~~~~~  
Spring QRP Homebrewer Sprint (CW/PSK31) ... QRP Contest!!!!

Mar 25 - 0000z to 0400z (Sunday evening in US/Canada)

Rules: <http://WWW.NJQRP.ORG>

"Test your Homebrewed equipment. All can join. Prizes!"

~~~~~  
ATLANTICON QRP Forum ...QRP Building Contest(AND MUCH MORE)

Mar 30 - Mar 31

Details: <http://www.njqrp.org/atlanticon/>

"Building contest. A-1 Seminars. Prizes you can't miss"

~~~~~  
Thanks to WA7BNM, SM3CER, WB3AAL, K3WWP, and others
for assistance in compiling this calendar.

Anyone may use this "QRP Contest Calendar" for your website, newsletter,
e-mail list or other media as you choose.
(Include a credit to the source of this material of course.)

72 de	**** N2CQ QRP Contest Calendar ****
Ken Newman - N2CQ	http://www.njqrp.org/data/contesting.html
N2CQ@ARRL.NET	http://www.n3epa.org/Pages/Contest/contest.htm
	http://www.qsl.net/cqrp/contests.html

Date: Thu, 1 Mar 2001 13:48:38 -0500 (EST)
From: "qrpdx@earthlink.net" <qrpdx@earthlink.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [92946] WTB: G4ZPY Model 56 Paddle
Message-ID: <200103011848.NAA08499@gxpvs01>

Looking for the above in good shape. Please let me know if you have one that is
surplus to your needs. Alan, N3BJ

Date: Thu, 01 Mar 2001 11:02:22 -0800
From: Charlie Panek <charlie_panek@agilent.com>
To: qrp-1@Lehigh.EDU
Subject: [92947] HB: Pixie Troubleshooting page has moved
Message-ID: <3A9E9CBE.4075979D@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't know if anyone was using this stuff or not, but since
I've seen recent Pixie question or two on the list, I thought
I'd better mention that my Pixie troubleshooting page has moved.

(My old ISP went belly-up). An AC/DC voltage table, along with oscilloscope plots, and info about the power output, can be found at:

<http://www.seanet.com/~panek/pixie.html>

The measurements all apply to my 20m version of the Pixie, but I suspect they'd be useful to someone debugging a 40 or 80m version as well. There's also more info about my 20m pixie at:

<http://www.seanet.com/~panek/pixie20a.jpg>

with pictures at:

<http://www.seanet.com/~panek/pixiepix.html>

FWIW
72,
Charlie
KX7L

--

Charlie Panek
mailto:charlie_panek@agilent.com
Agilent Technologies Inc.
Everett, Washington

Date: Thu, 1 Mar 2001 14:03:15 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92948] RE: QRP EME with 5 watts!
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16AF0@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hello, Laura,

Yes, those techniques could have been used years ago. Maybe some of the QRP folks will pick up on them.

BTW, there is no reason such integration techniques can't be used on HF. Basically, hams can use a wide range of "non-standard" digital modes, subject to the conditions that the modulation method be legal on the frequency used and the encoding method be in the public domain. The FCC has told ARRL that publishing the encoding method on a public web page is sufficient to meet that requirement.

Two techniques that may have some promise are:

<http://www.scgroup.com/ham/wolf.html> -- WOLF

<http://www.proaxis.com/~boblark/dsp10.htm> -- PUA43

I am not 100% sure the PUA43 modulation method is legal on HF, but the WOLF technique appears to use PSK, if my fast read was right.

73,

Ed Hare, W1RFI

ARRL Laboratory Supervisor

225 Main St

Newington, CT 06111

Tel: 860-594-0318

FAX: 860-594-0259

Internet: w1rfi@arrl.org

ARRL Web: <http://www.arrl.org>

ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: [laura halliday \[mailto:marsgal42@hotmail.com\]](mailto:laura.halliday@marsgal42@hotmail.com)

Sent: Thursday, March 01, 2001 12:53 PM

To: Low Power Amateur Radio Discussion

Subject: Re: QRP EME with 5 watts!

Russ Hines (radioruss@fuse.net) wrote:

>But from the article, it sounds like they used 5 watts TP0.
>Any idea about ERP? A 10-12ft TVRO dish at 1296, gain maybe
>around 26dB...my guess is around 1-2kW ERP. Is that a fair
>guess or am I off-base here?

The numbers are about right. 2 kW ERP is still QRP for the EME folks.

This is rarely an issue at HF - 26 dB of antenna gain is a *big* antenna on 40 meters (360 meter dish - bigger than Arecibo). IMHO, 5 watts is 5 watts, and that's QRP.

>I also wonder, if a long term integration method had been
>used, a low-power EME contact might have taken place years
>ago using plain ol' CW... if one could stand listening to
>the noise that long. ;-)

This is the usual setup for DX on bands like 136 kHz. There

have been a number of articles in RadCom, a few of which are kicking around on the net and have made it into QEX.

The main reason this hasn't been done for EME and CW is the inertia of the EME folks - too many of whom share the notion that any communication other than a person working a key or microphone and listening to signals in headphones in real time is somehow improper and doesn't constitute real communication.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Thu, 1 Mar 2001 14:12:13 -0500
From: "Brian" <bmurrey@amexol.net>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92949] Re: Wanna ND SMK-1 QSO tonight ;-)?
Message-ID: <000b01c0a283\$861914a0\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey! I'm there at 0100 UTC too! On my 240mW SMK wide band model.

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, March 01, 2001 1:15 PM
Subject: Re: Wanna ND SMK-1 QSO tonight ;-)?

>
> Hi Doc, I will listen on my SMK-1 and give you a call if I hear you. I
> have all the parts for a 5 watt amp but it's not built yet. Hope to hear
> other states too.
>
> On Thu, 1 Mar 2001, Wilford D. Lindsey wrote:
>
> > Mac:
> >
> > What say we try for a QSO tonight--my SMK-1 to your K2 or whatever? I

> > could be on there at 0100 or so. My rig transmits about 7.039.2 at the ear
> > pounding, blood pressure raising POWER level of.....225 mw. Maybe we
> > can make it work. I have three states thus far and plan to work SMK-1 WAS.
> > No DX yet [gg].
> >
> > 72,
> > --Doc/K0EVZ
> >
> >
>
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>
>

Date: Thu, 1 Mar 2001 14:20:33 EST
From: Macstein@aol.com
To: qrp-1@lehigh.edu
Subject: [92950] Re: Wanna ND SMK-1 QSO tonight ;-)?
Message-ID: <4b.815ff5d.27cffb01@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 3/1/01 11:55:16 AM Eastern Standard Time,
70511.3041@compuserve.com writes:

> What say we try for a QSO tonight--my SMK-1 to your K2 or whatever? I
> could be on there at 0100 or so. My rig transmits about 7.039.2 at the ear
> pounding, blood pressure raising POWER level of.....225 mw. Maybe we
> can make it work. I have three states thus far and plan to work SMK-1 WAS.
> No DX yet [gg].

OH BOY! SURE!! However, I have a meeting at 0000, and will get out of that
as early as possible. I'll email you as soon as I get home, and get right on
the air, baring family emergency! This will be FUN Doc!!!

-MAC-
AF4PS

Date: Thu, 1 Mar 2001 13:03:48 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [92951] INRAD
Message-ID: <20010301.131240.3974.7.n4so@juno.com>

inrad.txt

INRAD
INTERNATIONAL RADIO
13620 Tyee Road
Umpqua, OR 97486

inrad@rosenet.net
www.qth.com/INRAD
Tel 541-459-5623
fax 541-459-5632
8-pole crystal filters for Icom, Yaesu, Kenwood,
Drake and Ten-Tec
Source: CQ magazine, March 2000, p. 124.

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Thu, 1 Mar 2001 13:24:07 -0600
From: "William H. Launer" <wlauner@mail.win.org>
To: qrp-l@Lehigh.EDU
Subject: [92952] QRP bargain found
Message-ID: <l03130300b6c450407859@[204.184.54.135]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-L Gang,

I was in the local OfficeMax store making some copies for a presentation at the local ham club meeting. On my out, I spied some computer speakers (unamplified) on sale for \$9.00 a pair. Not so cheap, BUT there was a \$9.00 mail-in rebate on them. It was a bargain I couldn't pass up - a pair of useable speakers for nothing more than the sales tax and a 34 cent stamp! I tried them on my RS 10-Meter transceiver and they sound as good as the internal speaker. So keep your eyes peeled - you never know when or where you'll find something useful for your QRP operation.

72/73 from a fellow "cheap ham",

Bill

Bill Launer wb0cld
St. Charles, MO

Date: Thu, 1 Mar 2001 14:27:04 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <tdufres@hotmail.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [92953] RE: Questions about headphones
Message-ID: <000701c0a285\$995357e0\$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Tom:

Old radios appeal to me too, and I have a collection of them and accessories here.

The headphones you mention are probably wired with tinsel wire, and sometimes what you can do to restore a connection--once you've zeroed in on the exact point of failure--is strip back the outer cloth covering to expose the tinsel wire.

Then you can try wrapping the flimsy tinsel wire with clean bare solid small-gauge wire. Then carefully dip the whole affair in flux (I use Kester liquid flux for this), and try to quickly tin the resulting area.

In some cases you can actually create a solid point of contact with this approach and thus repair the broken wire. It usually works best if you need to perform a splice or you need a point that can be inserted in a plug or under a clamping screw.

Exactly what old headphones do you have there? Are they Baldwins, a.k.a. by OTs as "Baldies?"

I have a whole bunch of Baldwin and Trimm headsets here, as well as a few others, that I'd be willing to horsetrade and swap.

GL es 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Tom Dufresne

Sent: Thursday, March 01, 2001 12:40 PM

To: Low Power Amateur Radio Discussion

Subject: Questions about headphones

I love old radios, QRP, QRO, whatever. (Just had to get that out)
Having said that, how can I repair my old style headphones with the cotton(?) cord? If I pinch, or twist, or move it "cuts in" and out. Almost like a poor connection. I have two sets now, and it happens on both pair. Is this a common problem? These things are GREAT for QRP crystal radios :)
Thanks!
Tom

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 1 Mar 2001 14:42:52 EST

From: NM5Mike@aol.com

To: qrp-l@lehigh.edu

Subject: [92954] Receiver advice

Message-ID: <c3.e5a2d30.27d0003c@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I recently completed building a 40 meter receiver listed in the 2000 ARRL Handbook from an article titled "The Simple Superhet."

I'd like to describe the front-end circuit. There is an input Pi filter which feeds an SBL1 Minicircuits mixer, which is fed by a 7 MHz VXO.

As the name implies, the receiver is not complex, however it does work. I have noticed that the receive sensitivity seems to be low.

In order to increase the receiver sensitivity could I add an RF small signal amplifier stage before the mixer? I realize that I need to be careful not to overdrive the input to the mixer and that the gain of the RF amplifier should be adjustable.

Any thoughts or comments?

Regards,

Eric NM5M

Date: Thu, 1 Mar 2001 15:15:18 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'NM5Mike@aol.com'" <NM5Mike@aol.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>
Subject: [92955] RE: Receiver advice
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16AF7@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, Eric,

Before I tried to increase the sensitivity, I would first determine if doing so was necessary. Disconnect the antenna and listen to the receiver noise. If it is not very loud at full volume, you may need some additional gain AFTER the front end. If you can get a reasonable level of internal noise, then connect the antenna. If the apparent noise goes up, then the sensitivity of this receiving system is limited by external noise, not the sensitivity of the receiver. In that case, a preamp will not buy you any real improvement in performance, other than letting you decrease the audio gain control a bit.

73,
Ed Hare, W1RFI
ARRL Laboratory
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259

Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: NM5Mike@aol.com [mailto:NM5Mike@aol.com]
Sent: Thursday, March 01, 2001 2:43 PM
To: Low Power Amateur Radio Discussion
Subject: Receiver advice

I recently completed building a 40 meter receiver listed in the 2000 ARRL Handbook from an article titled "The Simple Superhet."

I'd like to describe the front-end circuit. There is an input Pi filter which feeds an SBL1 Minicircuits mixer, which is fed by a 7 MHz VXO.

As the name implies, the receiver is not complex, however it does work. I have noticed that the receive sensitivity seems to be low.

In order to increase the receiver sensitivity could I add an RF small signal amplifier stage before the mixer? I realize that I need to be careful not to overdrive the input to the mixer and that the gain of the RF amplifier should be adjustable.

Any thoughts or comments?

Regards,

Eric NM5M

Date: Thu, 1 Mar 2001 15:46:58 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, Karl Larsen <k5di@zianet.com>, John Wagner <john@neknetwork.com>
Subject: [92956] YES--we *will* have a Summer Cub Hunt
Message-ID: <200103011547_MC2-C743-554F@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Wow. Gosh. Gee, willikers. Holy Smokes. The response to my earlier post
has been enormous and encouraging and positive. So I will announce now
that we will have a summer Cub Hunt on 20 Metres. Details are to come
later.

BTW, I want to thank Karl K5DI and John KB1ENS who are serving on our Cub=
Hunt steering committee this year. They have done yeoman's service and i=
t
could not have been possible without a team doing it.

Thanks for the responses so far, and I would like to hear from everyone w=
ho
would care to write. =

72,
--Doc/K0EVZ

Date: Thu, 1 Mar 2001 16:00:40 -0500
From: Thomas Jennings <jennings@shell1.eznet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92957] Fox: Calling All NY Hounds
Message-ID: <20010301160040.A27897@shell1.eznet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

NY Hounds:
How about making a big effort tonight and
earn a few pelts!!
NY has not been well represented in the list of
hounds :{ and that needs to change!!

GL es 73

Tom kv2x

Date: Thu, 1 Mar 2001 16:15:23 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [92958] SMK-1 ND QSO party tonight
Message-ID: <200103011615_MC2-C743-56A6@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Thanks to so many who have written about the SMK-1 ND QSO party tonight. =

We will begin at 0100Z and go for only 30 minutes, to avoid interference with the FP Truffle hunt and of course the big regular FOX Hunt at 0200 (Ron N8VAR is in the slot for tonight).

So come one, come all. BTW, you don't have to own an SMK-1 to participate.

I am trying for WAS with the little giant, and the main thing is to get WAS with the SMK-1 on my end. (Let's see now--I wonder whether getting WAS

with 2-way SMK-1 would be more difficult than getting checkmate in chess with the Queen's Rook Pawn?!)

72,
--Doc/K0EVZ

Date: Thu, 1 Mar 2001 16:19:08 -0500
From: "Steve Hanson" <ke1lg@qsilver.net>
To: <qrp-l@Lehigh.EDU>
Subject: [92959] FS-TT Delta 580-Plan B...
Message-ID: <000b01c0a295\$418f21a0\$5795e3d8@mint.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My Delta 580 did not sell at auction-I think it suffered because I did not have a pic-the reserve for the rig/PS/desk mike (new Ten-Tec 705) /speech processor was 450.00. High bid was 305.00. So...

If anyone wants a great 580, used mostly QRP, about an 8 cosmetically, and a definite 10 electrically-Warc,500Hz CW filter, etc., I will let it go, before I again put it up for auction, for 350.00 without the outboard 234 Speech Processor, u ship and pack, from Maine, or 400.00 with the SP + pack and ship from Maine. TT frequently offers these, when they have them on the used/demo list, for 500.00+ just for the radio!

Steve KE1LG
ke1lg@qsilver.net

Date: Thu, 01 Mar 2001 16:36:24 -0500
From: John Wagner <john@neknetwork.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92960] Re: YES--we *will* have a Summer Cub Hunt
Message-ID: <3A9EC0D8.BAB08D55@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doc is of course being humble; he serves on both the Cub Fox committee and the Fox committee. He has also served as both a Fox and Cub Fox - so if you're looking for someone to thank for all the fox fur we've been feasting on, look no further then K0EVZ. N1TP, K1MG, N1FN and K7QO are also on the regular Fox hunt committee - they deserve (another) round of applause for this winters hunt as well. And thanks to all the Foxii and the Hounds for showing up.

I'm pleased to see both of the hunts continuing, they are both a tremendous amount of fun. My CW skills have been helped along by the regular hunts and in serving as a Fox Cub. If you're a little leery about your CW skills, I strongly urge you to volunteer as a Fox Cub when the call goes out - it is SCARY (5 minutes before the hunt) and FUN (5 minutes after it starts)!

A final notice; I'll be the FP Truffle tonight starting at 2030 EST on 7.041+-. The FP Truffle hunt is another hunt similar to the fox hunt, except it's only a 1/2 hour long. It's also very casual and fun. After that I'll be joining the hounds to bay into the night.... Hope to hear

you in the pack, 73,

John, KB1ENS

"Wilford D. Lindsey" wrote:

>
> Gang:
>
> Wow. Gosh. Gee, willikers. Holy Smokes. The response to my earlier post
> has been enormous and encouraging and positive. So I will announce now
> that we will have a summer Cub Hunt on 20 Metres. Details are to come
> later.
>
> BTW, I want to thank Karl K5DI and John KB1ENS who are serving on our Cub
> Hunt steering committee this year. They have done yeoman's service and it
> could not have been possible without a team doing it.
>
> Thanks for the responses so far, and I would like to hear from everyone who
> would care to write.
>
> 72,
> --Doc/K0EVZ

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Thu, 01 Mar 2001 16:46:39 -0500
From: geoff allsup <gallsup@whoi.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92961] Date/Time/Format for QRPTTF 2001 ???
Message-ID: <3A9EC33F.53180B08@whoi.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As the subject line asks, has there been an announcement yet for this
year's QRPTTF; if so, where can I find the info?

72,
geoff
--

Geoff Allsup, W10H gallsup@whoi.edu or w10h@arrl.net
Upper Ocean Processes Group
Woods Hole Oceanographic Institution Woods Hole, MA, USA

Date: Thu, 01 Mar 2001 16:06:23 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92962] Re: YES--we *will* have a Summer Cub Hunt
Message-ID: <3A9EC7DF.3AD66096@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"Wilford D. Lindsey" wrote:

>

> BTW, I want to thank Karl K5DI and John KB1ENS who are serving on our Cub
> Hunt steering committee this year. They have done yeoman's service and it
> could not have been possible without a team doing it.

Thanks guys for all your coordinating efforts on the Fox Cub Hunts. Doc
and Karl, thanks for all the spots and morale support when I was fox.
John thanks for updating the results of all the hunts and your wonderful
mapping option.

73 de Dave, N0IT

Date: Thu, 01 Mar 2001 17:17:14 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [92963] Re: Date/Time/Format for QRPTTF 2001 ???
Message-ID: <20010301.161350.4631.2.n5ib@juno.com>

On Thu, 01 Mar 2001 16:46:39 -0500 geoff allsup <gallsup@whoi.edu>
writes:

>As the subject line asks, has there been an announcement yet for this
>year's QRPTTF; if so, where can I find the info?

I believe Doug said the theme is decided, promulgation forthcoming soon.

But a few of us locals, chomping at the bit, started thinking up themes.
It got pretty silly pretty fast. And we were drinking nothing stronger
than iced tea. Among the more socially acceptable themes:

In honor of Riley Hollingsworth, FCC Special Counsel for Enforcement

PRISONS 2001

20 points per contact with a QRP station actually inside the secured perimeter of a correctional facility - actually populated with inmates (i.e. Alcatraz don't count) sign /BH (big house)

15 points per contact with a QRP operator currently on the lam, running from the FCC. sign /LM

10 points per contact with a field station set up within sight of a correctional facility sign /VS (ViSitor's Day)

5 points per contact with a law-abiding QRP citizen minding his/her own business in the sanctity of his/her home. sign /HC (Home is my Castle)

100 bonus points for cheating on the logs

Sooo, NorCal gang, the troops are getting restless. When our imaginations have no socially acceptable channel, like getting ready for the REAL QRP-TTF, we cannot be responsible for the consequences. That is, it's society's fault, we're misunderstood, we're deparaved on account of we're deprived... hey Officer Krupky... ;^))

72

Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 01 Mar 2001 14:33:26 -0800

From: Phil Wheeler <w7ox@earthlink.net>

To: n5ib@juno.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [92964] Re: Date/Time/Format for QRPTTF 2001 ???

Message-ID: <3A9ECE36.6A90A86F@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Love it!

n5ib@juno.com wrote:

```
>
> On Thu, 01 Mar 2001 16:46:39 -0500 geoff allsup <gallsup@whoi.edu>
> writes:
> >As the subject line asks, has there been an announcement yet for this
> >year's QRPTTF; if so, where can I find the info?
>
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>
> But a few of us locals, chomping at the bit, started thinking up themes.
> It got pretty silly pretty fast. And we were drinking nothing stronger
> than iced tea. Among the more socially acceptable themes:
>
> *****
> In honor of Riley Hollingsworth, FCC Special Counsel for Enforcement
> PRISONS 2001
>
> 20 points per contact with a QRP station actually inside the secured
> perimeter of a correctional facility - actually populated with inmates
> (i.e. Alcatraz don't count) sign /BH (big house)
>
> 15 points per contact with a QRP operator currently on the lam, running
> from the FCC. sign /LM
>
> 10 points per contact with a field station set up within sight of a
> correctional facility sign /VS (ViSitor's Day)
>
> 5 points per contact with a law-abiding QRP citizen minding his/her own
> business in the sanctity of his/her home. sign /HC (Home is my
> Castle)
>
> 100 bonus points for cheating on the logs
> *****
>
> Sooo, NorCal gang, the troops are getting restless. When our
> imaginations have no socially acceptable channel, like getting ready for
> the REAL QRP-TTF, we cannot be responsible for the consequences. That is,
> it's society's fault, we're misunderstood, we're deparaved on account of
> we're deprived... hey Officer Krupky... ;^))
>
> 72
> Jim N5IB
>
> -----
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```

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> Join Juno today! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

Date: Thu, 1 Mar 2001 16:43:22 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Cc: "William Winnscott" <n6cha@ipa.net>, "Steve Lowrey" <snlowrey@alltel.net>,
"Stan Ross" <slross@cox-internet.com>, "Royce Rainwater" <ke5tc@crosstel.net>,
"Ronald M. Kupers" <w5xq@arrl.net>, "Richard Donovan" <n5xm@alltel.net>,
"Randy Holden" <Randy_Holden@hotmail.com>, "Randy Baggett" <kg5ne@cei.net>,
Subject: [92965] ArkieCon Pre-Registraton
Message-ID: <010401c0a2a1\$0ff4a6e0\$2c9b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang hi,
It is pre-registration time for ArkieCon. Why do this? Well you get a neat collectable QRP badge from Jerry Parker that you can wear during the Hamfest and QRP forums. Please send your first name, last name, and call sign to Jerry at:
jparker@fix.net

You get QRP badge at the forums and you don't have stay for the open house, but trust me you will want to, so make plans to stay the night, Nick.

Please let us know if you are staying for Open House Saturday night because the eats are on us. It is of course a non-formal/fun affair, grin! Besides Doug will probably be wearing his shorts and we wouldn't want to make him feel stupid, that seems to be my job these days, right Tony?

Everyone is welcome to attend the ArkieCon QRP Forums (their FREE) and Saturday's Open House (it's FREE also)!

73 de w5jay..

Please pass this on to others you know are coming, but not on the list.

Date: Thu, 1 Mar 2001 16:45:45 -0800
From: "Jim Crooke" <crooke@prodigy.net>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92966] Re: Date/Time/Format for QRPTTF 2001 ???
Message-ID: <025c01c0a2b2\$45c6aaa0\$0101a8c0@workstation1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> n5ib@juno.com wrote:
> > In honor of Riley Hollingsworth, FCC Special Counsel for Enforcement
> > PRISONS 2001
> >
> > 20 points per contact with a QRP station actually inside the secured
> > perimeter of a correctional facility - actually populated with inmates
> > (i.e. Alcatraz don't count) sign /BH (big house)

My house (although not that big) is all populated by Crooke's and I'm always being corrected by the family. If I lock the doors and keep the kids in, could I sign /BH?

72 es oo's Jim KJ0C
Healer of Brachycephalics and other fine looking creatures in Springfield, MO
QRP-L # 2100, SOC # 37, #-108 and semi-official vet of the Flying Pigs
QRP, member of the Night Owl Fox Hunters

Date: Thu, 01 Mar 2001 18:35:17 -0500
From: Ed Kessler <edkess@epix.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: "Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>
Subject: [92967] 2 Rigs For Sale
Message-ID: <5.0.2.1.0.20010301183421.00a089a0@mailhost.epix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

QRP Stuff:

Wilderness Sierra
Includes KC2 and 3.5, 7, 10, 14, 18, and 21 MHz band modules.
In very nice cosmetic and operating condition. \$350 plus shipping.

Other Stuff:

Old, crystal controlled, Icom IC-22A 2 meter transceiver.
Only selling this because I just bought an ICOM 706 and will use that rig
as a 2m base radio instead. I'm not very active on VHF.
16 selectable tx/rx positions. 14 filled with the following
combinations. 146.07/146.67, 146.34/146.94, 146.22/146.82, 146.28/146.88,
146.52/146.52 (simplex), 146.94/146.94 (simplex), 146.13/146.73,
147.78/147.18, 147.81/147.21, 147.84/147.24, 146.10/146.70, 146.16/146.76,
147.945/147.345, 144.77/145.37.
In good condition showing a little wear. I think I have the mobile bracket
somewhere, but am not sure.
1W low pwr / 10 W high pwr.
Includes mic and original manual (falling apart, but all there).
\$50.00 plus shipping (OBO).

73s
Ed AA3SJ

Ed Kessler AA3SJ
950 Woodside Station Road
Millersburg, PA 17061

website: <http://www.qsl.net/aa3sj/index.html>

End of QRP-L Digest 2113

